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Dated: March 19, 2004

Signature:

*Jennifer S. Greer*  
(Jennifer S. Greer)

Docket No.: 65858-0029  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Charles J. Koehler et al.

Application No.: 10/723,624

Confirmation Number: 1146

Filed: November 26, 2003

Art Unit: N/A

For: FLUID CONDITION MONITORING USING  
BROAD SPECTRUM IMPEDANCE  
SPECTROSCOPY

Examiner: Not Yet Assigned

**SUBMISSION OF SUBSTITUTE DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith is one set (thirteen sheets, fourteen figures) of substitute formal drawings for filing in the above-identified patent application.

Please cancel the drawings previously filed in this application.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-0013, under Order No. 65858-0029 from which the undersigned is authorized to draw.

Dated: March 19, 2004

Respectfully submitted,

By

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